

As a below normal inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the application enclosed. "NEW WORKS FORM", the specification of which is attached hereto. I hereby swear that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendments received in return for examination of the application, and I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a). I hereby claim priority benefits under 35 United States Code Section 119(a) for any provisional applications listed below and have also identified below the priority date or filing of the provisional application which is before the filing date of the application for which this priority is claimed.

Prior Provisional Applications

Priority Claims

Yes No

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign applications for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Foreign	Country	Filing Date	Priority (Yes/No)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of said 35, United States Code, §122, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the earliest or PCT Request latest filing date of this application.

U.S. Appl. Serial No.	U.S. Filing Date	Status (pending/patented/abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners in the office of Attorney General, Intellectual Property for Naval Research Laboratory, Washington D.C. associated with Contract Number 24304 to prosecute this application and to transact all business in the Patent and Trademark Office (patents) and in the Patent Office (trademarks) of the United States and the irrevocable right to prosecute this application. Direct all correspondence to the Attorney General.

SEND CORRESPONDENCE TO: Attn: Naval Research Laboratory Naval Research Laboratory Washington, D.C. 20375-5000	DIRECT TELEPHONE CALLS TO: Attorney General John O'Donnell Mills III Reg. No. 42,004 (202) 464-1133
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like to make me punishable by fine or imprisonment, or both, under Section 1004 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF JOINT INVENTOR 1: Stanley Churchack

INVENTOR'S SIGNATURE: Stanley ChurchackDATE: 18 July 2003

RESIDENCE: Alexandria, VA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 2805 Valley Creek, Alexandria, VA 22304

FULL NAME OF JOINT INVENTOR 2: Myung Hwan Kwon

INVENTOR'S SIGNATURE: Myung Hwan KwonDATE: July 18, 2003

RESIDENCE: Fairfax, VA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 9007 Pike Court, Fairfax, VA 22031

FULL NAME OF JOINT INVENTOR 3: Dr. S. M. Hossain

INVENTOR'S SIGNATURE: Dr. S. M. HossainDATE: July 18, 2003

RESIDENCE: Alexandria, VA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 2121 Jackson Avenue, Alexandria, VA 22314

FULL NAME OF JOINT INVENTOR 4: James R. Parsons

INVENTOR'S SIGNATURE: James R. ParsonsDATE: 7/21/2003

RESIDENCE: April, NC

CITIZENSHIP: USA

POST OFFICE ADDRESS: 100 Flinn Springs Drive, April, NC 27519

Cary, NC 27519
JP

P.2

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Naval Research Lab

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P.1

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Naval Research Lab

JUL 21 03 11:55A

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: "NETWORK PUMP", the specification of which is attached hereto. I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim priority benefits under 35 United States Code Section 119 (e) for any provisional application listed below and have also identified below the priority date of filing of the provisional application which is before the filing date of the application for which this priority is claimed.

Prior Provisional Applications

Priority Claimed

Yes

No

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign applications for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Filing Date	Priority (Yes/No)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Appl. Serial No.	U.S. Filing Date	Status (patented/pending/abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners in the office of Associate Counsel, Intellectual Property for Naval Research Laboratory, Washington DC associated with Customer Number 26384 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and hereby certify that the Government of the United States has the irrevocable right to prosecute this application. Direct all correspondence to that Customer Number.

SEND CORRESPONDENCE TO:

Associate Counsel (Patents), Code 1008.2
Naval Research Laboratory
Washington, D.C. 20375-5000

DIRECT TELEPHONE CALLS TO:

Attorney Name: John Gladstone Mills III
Reg. No. 49,054
(202) 404-1553

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF JOINT INVENTOR 1: Stanley Chinchek

INVENTOR'S SIGNATURE: _____ DATE: _____

RESIDENCE: Alexandria, VA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 2005 Valley Court, Alexandria, VA 22308

FULL NAME OF JOINT INVENTOR 2: Myong Hoon Kang

INVENTOR'S SIGNATURE: _____ DATE: _____

RESIDENCE: Fairfax, VA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 9032 Pixie Court, Fairfax, VA 22031

FULL NAME OF JOINT INVENTOR 2: Ira S. Moskowitz

INVENTOR'S SIGNATURE: _____ DATE: _____

RESIDENCE: Alexandria, VA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 2121 Jamison Avenue, Alexandria, VA 22314

FULL NAME OF JOINT INVENTOR 2: Jim Parsonese

INVENTOR'S SIGNATURE: _____ DATE: _____

RESIDENCE: Apex, NC

CITIZENSHIP: USA

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